

From: [ANDERSON Jim M](#)
To: [Holly Duncan](#); [Chip Humphrey/R10/USEPA/US@EPA](#); [WIGAL Jennifer](#); [POULSEN Mike](#); [Elizabeth Allen/R10/USEPA/US@EPA](#)
Subject: RE: Risk Assessment, Fish Consumption & Portland Harbor Workshop
Date: 06/01/2011 02:56 PM

Holly,

As we discussed previously..., I'm not certain exactly what (b) (6)

However, I can confirm that either me or someone else from DEQ's Cleanup Program familiar with the Portland Harbor Project can participate in your 6/27 workshop. I'll do my best to be there myself.

Your agenda looks pretty broad for a ½-day session ranging from WQs..., to Superfund risk assessments..., to Portland Harbor FS, risk management, cleanup levels & next steps.

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From: Holly Duncan [mailto:hduncan@elecenter.com]
Sent: Tuesday, May 31, 2011 1:33 PM
To: ANDERSON Jim M; Chip Humphrey; Rick George; WIGAL Jennifer; dave.stone@oregonstate.edu; Laura Kennedy; POULSEN Mike; Elizabeth Allen; Rick Applegate; Bob Wyatt
Subject: Risk Assessment, Fish Consumption & Portland Harbor Workshop

Hello everybody – Thank you all for exploring this workshop idea with me. Below is a possible agenda for an **Advanced Workshop on Risk Assessment, Fish Consumption & the Portland Harbor Superfund Site** scheduled for June 27, 2011, in Portland. The [front page article](#) in the Oregonian this morning is a great reminder about how timely and important these issues are. It also helps highlight the range of reactions to the proposed standards, fish consumption, sources and liability.

Because of the timeliness of these issues, and the short notice for the workshop (the workshop is 4 weeks from yesterday), we need to move quickly to begin notifying potential participants. I know several of you need to get approval from the LWG, or work through possible scheduling conflicts... But could you please let me know by tomorrow (Wednesday) if you can participate in this workshop. Also, please feel free to shoot back any edits to the language, below and attached.

This is an enormously exciting time. It's a lot of fun to see Oregon out in front on these types of complicated environmental issues – and to see DEQ boldly moving forward with solid science and possible solutions.

I really appreciate your help with this advanced discussion.

Many thanks,
Holly

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Advanced Workshop

Risk Assessment, Fish Consumption & Portland Harbor Superfund Site

June 27, 2011
Portland Oregon

TOPICS AND INQUIRIES

On June 16, 2011, the Environmental Quality Commission will consider revising Oregon's Human Health Water Quality Standards to protect tribes and others who eat large amounts of contaminated fish. If the EQC adopts these standards, Oregon will have the most protective limits on toxic water pollution in the United States. The changes to Oregon's water quality standards will have far-reaching implications. At this workshop we will explore what Oregon's fish consumption rate and new water quality standards mean for the Portland Harbor Cleanup. Other inquiries include:

- What is the level of human health protection for Oregonians who consume fish and shellfish from state water bodies?
- How will Oregon's new water quality standards be used when establishing the cleanup standard for the contaminated sediment in the Portland Harbor?
- What does Oregon's fish consumption rate mean for Portland Harbor Feasibility Study and Cleanup?
- How will the results of the Baseline Human Health Risk Assessment be used to develop Remedial Action Objectives and assist in Risk Management decisions for the site?
- What are the next steps in preparation of the Feasibility Study (due November 15, 2011) and beyond?

AGENDA

1:00-1:30 -- PORTLAND HARBOR SUPERFUND SITE

▪ Status of the Project, Latest developments and Timelines

**Jim Anderson, Manager, Portland Harbor
Oregon Department of Environmental Quality*

*Chip Humphrey, Remedial Project Manager
US Environmental Protection Agency, Region 10*

1:30-3:00 -- FISH CONSUMPTION & RISK TO HUMAN HEALTH

- Human Health Water Quality Standards for Toxic Pollutants
- Protecting Oregonians who regularly eat fish and shellfish
- How will the revised water quality standards be implemented?
*Jennifer Wigal, Manager, Water Quality Standards and Assessments
Oregon Department of Environmental Quality*

- Oregon's Fish Consumption Rate
- Road to establishing a protective fish consumption rate
- A Tribal Perspective
**Rick George, Cedar Consulting*
- Fish Consumption Rates and Risk to Human Health
- Public Health Issues for Fish Consumption in the Willamette
- Some Challenges to Assessing Risk
**Dave Stone, PhD, Assistant Professor
Department of Environmental and Molecular Toxicology
Oregon State University*

3:00-3:15 BREAK

3:15-4:00 -- RISK ASSESSMENT

- Human Health Risk Assessment and the Portland Harbor Superfund Site
- Fish Consumption and Other Exposure Scenarios
- Chemicals of Concern and Preliminary Remediation Goals
Laura Kennedy, Kennedy/Jenks Consultants
- Preliminary Evaluation and Responses to the Baseline Human Health Risk Assessment for the Portland Harbor
**Mike Poulsen, Toxicologist
Oregon DEQ*

**Elizabeth Allen, Toxicologist, Risk Evaluation Unit
US EPA, Region 10*

4:00-5:00 -- NEXT STEPS AT THE PORTLAND HARBOR – Panel Discussion

Risk Management

Road to the Feasibility Study

Developing Cleanup Levels

What is Feasible? Where Do We Go From Here?

Panel Discussion:

**Rick Applegate, Portland Harbor Superfund Administrator
Bureau of Environmental Services, City of Portland*

*Bob Wyatt, Northwest Natural
Chair, Lower Willamette Group*

Chip Humphrey, US EPA

**Jim Anderson, Oregon DEQ*